Vigor2900 Series Broadband Security Router

- Highly integrated broadband security router, combining high-speed routing technology with a comprehensive security suite of firewall, VPN, URL content filtering facilities, as well as bandwidth management capability, print-server, and secure wireless access point

WAN/Internet
- One 10/100M Base-TX port with a RJ-45 connector
- DHCP client for cable service
- Static IP address assignment for fixed IP networks
- PPPoE/PPTP client for ADSL service

LAN
- 4 port 10/100 Base-TX Ethernet switch
- DHCP server for IP assignment (up to 253 users)
- DNS cache and proxy
- NAT (Network Address Translation)
- Virtual server via port redirection or open port feature
- VLAN support
- Port-based rate throttling capability

Printer Server
- One USB port connector
- Built-in LPR printer server
- Support for Win98/98SE/ME LPR printer
- Compatible with Win2000/XP/MacOS 9/MacOS X built-in LPR printer driver

Wireless Access Point (Vigor 2900Gi & Vigor 2900G only)
- 802.11g support (54Mbps data rate)
- Twin high-gain antennas to give best coverage and diversity
- Backward compatible with 802.11b device
- Wireless security
  1.Secure VPN over WLAN
  2.WPA Support
  3.802.1x User Authentication
  4.64/128 bits WEP wireless encryption
  5.Client MAC-address locking
  6.SSID stealthing

Firewall Facilities
- Automatic Keep-state facility
- Selectable DoS/DDoS protection
- IP address anti-spoofing
- User-configurable packet filtering
- NAT/PAT with Port Forwarding/Redirection & DMZ
- E-mail alerting mechanism

Vigor2900

Vigor2900i

Vigor2900G

Vigor2900Gi

Virtual Private Network (VPN) Facilities
- High performance VPN device
- Up to 32 simultaneous VPN tunnels
- Dial-in or dial-out, LAN-to-LAN or Teleworker-to-LAN
- Protocol support for PPTP, IPSec, L2TP, L2TP over IPSec
- Encryption support for AES, MPPE, and hardware-based DES/3DES
- Authentication support for MD5 and SHA-1
- IKE key management
- Interoperable with other leading 3rd party vendor VPN devices or software

Flexible URL Content Filtering
- Block URL (web-site) by user-defined keywords
- Preclude web surfing from using directly IP address
- Block automatic download of Java applets and Active X controls
- Block web site cookies and proxy
- Block http downloads of file types: Executable/Compressed/Multi-media
- Support time schedule to control the restrictions and regular Internet access

Bandwidth Management Facilities
- Class-based bandwidth guarantee by user-defined traffic categories
- Provision of inbound/outbound bandwidth control
- Support of eight Priority-Levels
- Support of DiffServ-Codepoint marking

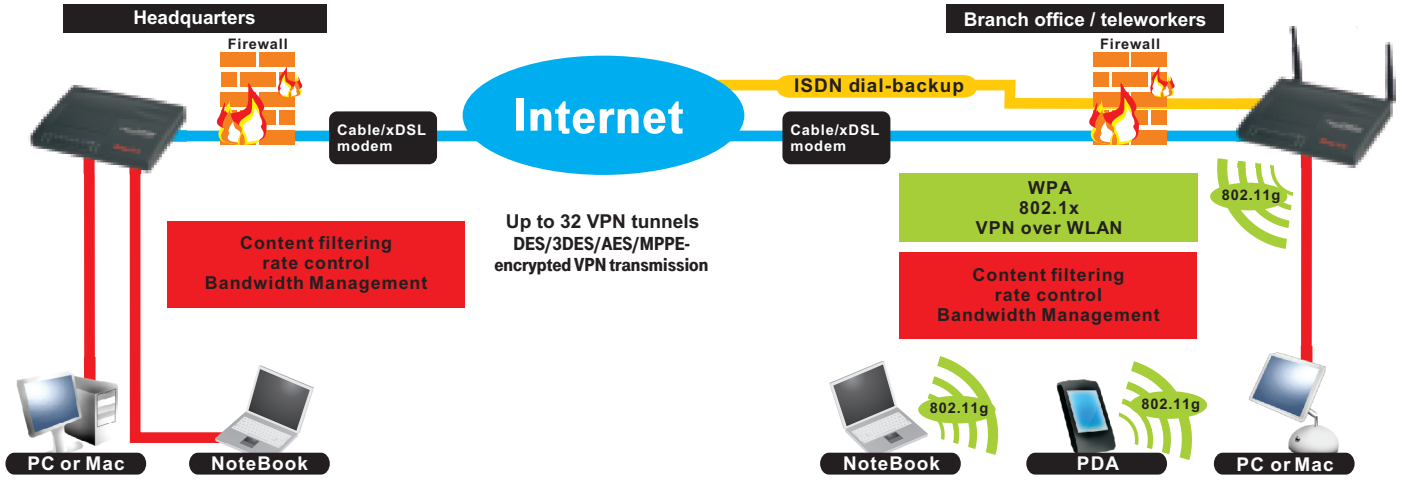
Application Support
- Windows Messenger, Yahoo Messenger, MSN Messenger V6.0, NetMeeting, ICQ2001b/2002a, most online gaming, and other multimedia applications
- UPnP protocol support

ISDN Facilities
- Compatible with Euro ISDN
- Uses ISDN for shared Internet access (dial-on-demand)
- Support for 64Kb/s and 128Kb/s (Multilink-PPP)
- Automatic ISDN backup
- Bandwidth-on-demand (automatically switches between 64Kb/s and 128Kb/s)
- Direct ISDN Dial-up LAN-to-LAN connectivity (to another ISDN site) and VPN
- Remote 'teleworker' direct dial-in access to your LAN (from a remote ISDN line)
- Remote activation of Internet dial-up

Router Management
- Web-based User Interface
- Command Line Interface (Telnet)
- Telnet Remote Access Support
- SNMP Agent with MIB-II
- Built-in Diagnostic Function
- Remote Firmware Upgrade
- Quick Start Wizard
- Syslog Monitoring

DrayTek
Taiwan www.draytek.com.tw
E-mail:info@draytek.com.tw
Tel:+886 3 597 2727 Fax:+886 3 597 2121

Technical Specifications			V2900G	V2900Gi	V2900i	V2900
Hardware Interface	LAN	4-port 10/100 BaseTX Switch with VLAN	Yes	Yes	Yes	Yes
	WAN	One 10/100 BaseTX port with a RJ-45 connector	Yes	Yes	Yes	Yes
	Printer	USB port for connecting to USB printer	Yes	Yes	Yes	Yes
	ISDN	Euro DSS1, RJ-45 BRI(S/T types, 2B+D)	---	Yes	Yes	---
	WLAN	IEEE 802.11b/11g	Yes	Yes	---	---
WAN Protocol		PPPoE, DHCP, PPTP, Static IP	Yes	Yes	Yes	Yes
NAT		Multi-NAT,DMZ, Port Redirection, Open Ports, Pass-thru (VPN, VoIP, NetMeeting, MSN messenger, ICQ, Quake...etc.)	Yes	Yes	Yes	Yes
Firewall Features		Access Control, IP-based Packet Filtering, Stateful Packet Inspection, Denial of Service Prevention	Yes	Yes	Yes	Yes
Virtual Private Network		IKE Key Management, IPSec, PPTP, L2TP, L2TP over IPSec	Yes	Yes	Yes	Yes
		Hardware-based DES/3DES Encryption; AES Encryption	Yes	Yes	Yes	Yes
		MPPE Encryption for PPTP; IPSec Authentication (MD5 and SHA-1)	Yes	Yes	Yes	Yes
		Remote Access VPN; VPN Pass Through; Up to 32 tunnels; RADIUS Support	Yes	Yes	Yes	Yes
Routing Support		RIPv2, Configurable Static Route	Yes	Yes	Yes	Yes
Network Features		DHCP server/relay, Dynamic DNS,Call Scheduling,RADIUS Client	Yes	Yes	Yes	Yes
Traffic Management		Guaranteed Bandwidth, Maximum Bandwidth Limitation	Yes	Yes	Yes	Yes
		Eight Priority Levels Support, DiffServ Codepoint marking Support	Yes	Yes	Yes	Yes
URL Filtering		URL Blocking with Exception Handling; Java/ActiveX/Cookies/ proxy Blocking; Executable/Compressed/multimedia file Blocking; URL Blocking by User-defined Keywords; Time schedule Support	Yes	Yes	Yes	Yes
Management		Time Schedule Support; Web-based User Interface	Yes	Yes	Yes	Yes
		Command Line Interface (Telnet)	Yes	Yes	Yes	Yes
		Telnet Remote Access Support; SNMP Agent with MIB-II	Yes	Yes	Yes	Yes
		Built-in Diagnostic Function; Remote Firmware Upgrade	Yes	Yes	Yes	Yes
		Quick Start Wizard; Syslog Monitoring; Attack Alert by E-mail	Yes	Yes	Yes	Yes
		Secure Remote management	Yes	Yes	Yes	Yes
ISDN Features		ITU-T I.430 Compliant for Layer 1; Dial on Demand	---	Yes	Yes	---
		Bandwidth on Demand; Dual ISP Support; Remote Dial-in Access	---	Yes	Yes	---
		LAN-to-LAN Connectivity; Virtual TA; Remote Activation; Blocking Number for Security	---	Yes	Yes	---
		PPP/MP Protocol ; PPP over V.110 for GSM Dial-in Access	---	Yes	Yes	---
WLAN Access Point	Regulatory approval	EN60950/55022/301489-17/ETSI-300328-2	Yes	Yes	---	---
	Security	64/128-bit WEP	Yes	Yes	---	---
		802.1x; WPA	Yes	Yes	---	---
		VPN over WLAN	Yes	Yes	---	---
		SSID stealthing	Yes	Yes	---	---
	Access Control	MAC address locking	Yes	Yes	---	---
	Transmission Rate	IEEE802.11g and 11b backward compatibility	Yes	Yes	---	---
Max. Power Consumption	10 Watt	Operating temperature:0° to 45° C (32° to 113° F)				
Dimension (cm)	L22.0*W16.0*H3.67	Operating humidity:90% maximum relative humidity, noncondensing				
Power	AC 9V					



Trademarks and brandnames are the propertiesof their respective owners. The scope of deliveryand other details aresubject to change withoutprior notice.

991-0000001-00

(For 2900/G)